TO CORRESPONDENTS.

"Gas."—We have three requests for information as to fitting up small apparatus for making gas for private establishments; but are unable to comply—at all events, just now.

"P. A." (in how our correspondent has no claim; in common honesty he should be remunerated for his trouble); "G." "Amelia" (thanks for good opinion. The work, "Buildings and Monuments," was not meant to interest beyond eight parts. A second volume may one day be commenced); "T. W." "W. B." "R. S. B." "W. C." "T. R. M." (shall hear from us); "R. K." "C. B. W." (stamp is not necessary for tender. No charge could be maintained); "T. K." (our informant was the same); "R. S." "J. J. L." (shall hear from us, first opportunity); "G. W." "J. P." "H. K. S." (must not expect to reap any advantage from his suggestion. It is a modification of Mr. Martin's plan); "T. B. S." "W. and T. M." "S. C." "Mr. C." "Mr. J." "J. B. H." "B. K." "J. A. P." "J. P." "M. P." "A Lady," "B. R." "A Letter to Lord John Russell, on the future location of the National Gallery and Royal Academy;" London, J. W. Parker; "Elements of Descriptive Geometry, being the first part of a Treatise on Descriptive Geometry, and its application to Ship Building," by Joseph Woolley, M.A., LL.D.: J. W. Parker; "The Architectural History of Gloucester," by John Clarke, architect: Gloucester, T. R. Davies; "A Glossary of Terms used in Grecian, Roman, Italian, and Gothic Architecture." 5th edition: Oxford, J. H. Parker, and David Bogue, London.

"Books and Addresses."—We have not time to point out books or find addresses.

NOTICE.—All communications respecting *advertisements* should be addressed to the "Publisher," and not to the "Editor;" all other communications should be addressed to the EDITOR, and not to the Publisher.

ADVERTISEMENTS.

LIGHTNING CONDUCTORS.—R. S. NEWALL and CO'S PATENT COPPER ROPE. ½ Diameter, 7lbs. per 100 feet. Ditto, ⅜in. do. do. Office, 128, Strand, London.

PROTECTION from FIRE, and GREAT ECONOMY in BUILDING.—A pamphlet, descriptive of the method by which both these important objects are secured, may be obtained on application to MESSRS. FOX and BARRETT, 41, Lincoln's-inn-fields.

TO GAS AND WATER COMPANIES, ENGINEERS, AND CONTRACTORS.

ANDREW M'LAREN & Co., Ironfounders, STEEL YARD WHARF, UPPER THAMES-STREET, have always on hand a large STOCK of SOCKET PIPES of all sizes, with the usual necessities, Retorts, cabanas, girders, and all descriptions of castings contracted for.

Their stock of goods for GENERAL IRONMONGERS is unequalled for variety and lowness of price: comprising, ranges, Pokers, and fenders metal and stoves, rain-water pipes, G. G., and half-round, gutterings, railing bars, panels, bedsteads, bakers' oven work, sink traps, air bricks, water closet metal, &c. &c.

Priced list of prices, and books of drawings for the use of ironmongers, forwarded on application.

IRON FOUNDRY, 80, Goswell-street (late of Brick-lane, St. Luke's.—J. J. JONES having made great additions to his STOCK of PATTERNS, begs to inform the Trade, that he can now supply them with Plain and Ornamental Iron Columns, Girders, Railings, Gates, Iron Coping, Balconies, Window Guards, Verandahs, Ornamental Entrances, Panels, Iron Doors, Tomb Railings, Trellis Panelling, Lamp and other Brackets, Chandeliers, Spiral Rods, Water Closet Work, Area Gratings, Pig and other Wheels, Wheel Plates, &c.

BAKERS' OVEN WORK, Forge Backs and Troughs, Rain Water Pipes and Gutters, Bath Weights, Furnace Bars, Stoves, Ranges, &c., always in stock.

TO BUILDERS, IRONMONGERS, AND OTHERS.

RAIN-WATER PIPES, O G and Half-round Gutters, Sash Weights, Railing Bars, Air Bricks, &c. J. JONES, Iron Merchant, Iron-bridge Wharf, No. 4, Bankside, has the largest stock in London of the above and other castings, of the very best quality Also, cast-iron pipes for gas, water, or drainage; bends, tees, &c.; flange and hot water pipes, with all the usual connections; lamp-posts and retorts, stable fittings, pig-troughs, &c. &c.

Prices will be forwarded on application, which will be cheaper than any other house in London.

J. JONES, IRON MERCHANT, IRON-BRIDGE WHARF, No. 4, BANKSIDE, LONDON, near the Southwark Iron Bridge.

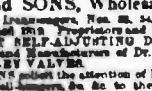
PATENT GALVANIZED IRON. Plain or Corrugated for ROOFS, HOUSES, &c. Wholesale, Retail, and by Export.

Patent Galvanized Iron Guttering, Water or Gas-pipes, Hooping, Wire, &c.

*** An allowance to the trade.

IRON ROOFING WORKS, BIRMINGHAM, late of Southwark. Office,—24, MARTINEAU-PLACE, LIVERPOOL. JOHN H. PORTER, PATENTEE Of the Corrugated Iron Bonnet, Girders, and Fire-proof Floors; MANUFACTURER OF IRON ROOFS AND BUILDINGS, Chiefly of THE PATENT GALVANIZED IRON.

This material has been employed by J. H. PORTER for several years past in the consummation of Iron Roofing for RAILWAY STATIONS and DOCK-YARDS, at home and abroad; FARM BUILDINGS, FACTORIES, GASWORKS, WAREHOUSES, &c.; SUGAR-HOUSES, MEDICAL and Conservatories, Sheds, Dwellings, and MANSION-HOUSES, in the East and West Indies, China, at the Cape of Good Hope, and in other parts of the world; Iron-bar and Strained-wire Fences, Stable and Cattle Hurdles.



TO BUILDERS AND OTHERS.

HART and SONS, Wholesale and Manufacturing Ironmongers, Nos. 33, 34, and 35, Wych-street, Strand. Established 1813. Proprietors and sole Manufacturers of HART'S PATENT SELF-ADJUSTING DOOR FURNITURE and STEEL, and Manufacturers of Dr. ARNOTT'S VENTILATING CHIMNEY VALVES.

HART and SONS solicit the attention of Builders, House Decorators, Cabinet, Bell-hangers, &c. &c. to their extensive and well selected stock of DOOR FURNITURE in every available material, as given with finger-plates, bell-pulls, levers, &c. and also to their LOCKS and LATCHES in mortice, rim, dead-lock, iron gate, cabinet, &c., of all conditions, including Harrison's, Bramah's, Chubb's, and Price's Patent.—To their

GENERAL IRONMONGERY, wrought and cast nails, screws, hinges, &c.

SHEARS and GOODBOY.—Bell cranks of all descriptions, cornice poles, pulley reels, door door handles, desk and box rails, window guards, fancy plate bolts, &c. &c.

WINDOW FITTINGS of all kinds, including brackets, rods, arms, shutter fastens, trays, &c. &c.

DOOR SPRINGS and HINGES, including Redmund's, Smith's, Collinge's, Parker's, and Cowper's patents.

WINDOW BLIND FITTINGS of the most approved principle.

LEAF BACK BOLT MORTICE LOCKS, for which they are AGENTS, will be for sale by the gentlemen of trade as soon as purchased.

HART and SONS, having found the practice of publishing NET prices to be injurious to the interests of the trade generally, are unwilling to follow it, but at the same time they beg to assure their friends that their prices shall be equally as low as those of any other respectable house.

HOT-WATER APPARATUS.—The attention of purchasers, builders, and others is respectfully requested to BENJAMIN POWLER'S superior method of heating churches and chapels, halls, staircases, conservatories, forcing and propagating houses, counting-houses and warehouses, kilns, rooms for drying timber, and every variety of purposes for which artificial heat is required. Within the last twenty years some hundreds of buildings have been heated upon this plan, and the parties for whom they were executed are constantly expressing their satisfaction, and are willing to vouch for their efficiency.

BENJAMIN POWLER, late of 61, Dorset-street, removed to the new factory, Whitefriars-street, Fleet-street.

WARMING BY HOT WATER.—J. WEEKS and Co., KING'S-ROAD, CHELSEA, submit the honour of Architects to inspect their Hot-Water Apparatus, which is to be seen at their premises, in extensive operation. Ornamental Pedestals and Stands of Pipes in great variety, applicable for warming churches, mansions, entrance-halls, offices, conservatories &c.—TUBULAR BOILERS of all sizes, warranted to be the most efficient and economical of any yet introduced.—J. WEEKS and Co., Hot-Water Apparatus Manufacturers, King's-road, Chelsea.

GRICE'S IRONMONGERY, STOVE, and RANGE WAREHOUSE, 18, Walworth-road, London.

Elliptic Stoves, with Double Backs, 9½d. per inch; Register Stoves, 6d. per inch.

3-feet Self-acting Cottage Ranges, Oven and Back Boiler, 21s. each.

Cut Sheet Floor Brads, 11s 9d per cwt.

	Cut Clasp Nails.			
1in.	14s 6d.	14s.	13s.	12s 6d. cwt.
1½	9	9½	9	8 in.

1-inch Cut Lath, 11s 9d. per cwt.

4-inch 2-bolt Ram Locks, with Scotch Springs, best patent furniture, 14s 6d. per dozen.

Improved Iron Latches, 6s. 6d. per doz.

3-feet Self-acting Cottage Ranges, Oven and Back Boiler, 21s. each.

HOT WATER APPARATUS for heating greenhouses, &c., on improved principles, being the cheapest best known.

TO BUILDERS and CARPENTERS.—Elliptic Stoves, double backs, 9½d. per inch.

Register Stoves, 6d. 6½d. 7½d. per inch

Self-acting Ranges, with Ornamental Ovens and Back Boilers, best wrought bars and bright fittings—

1 ft., 2l. 15s.	2 ft. 6 in., 3l. 7s.	4 ft., 5l. 15s.

3-feet Cottage Ranges, with Oven and Back-Boiler, 25s. each.

3-feet self-acting ditto ditto, 30s. each.

Air Bricks, 3s. 6d. per doz. Sash weights, 3s. per cwt.

Best Patent Cut Clasps.

4½d.	5d.	7d.	10d.	1s. 6d.	1s. 9d. per 1,000.
3d.	4d.	6d.	8d.	10d.	12d.

Best Short Floor Brads, 12s. per cwt.

Best Town Glue 40s. Do. Scotch, 32s. per cwt.

Best Patent Sash Line.

1	2	3	4	5	6
4s.	4s 6d.	5s. 6d.	7s.	9s.	10s. 6d. per gross.

A. F. B. WILLIAMSON'S IRONMONGERY and STOVE WAREHOUSE, 88, Chiswell-street, Finsbury-square.

Lists of Prices had on application at the Warehouse, or by letter post-paid, forwarding postage stamp.—Warehouse closes at 7 o'clock.

TO BUILDERS, CABINET-MAKERS, and OTHERS.

Best Cut Sheet Flooring Brads, 11s per cwt.

Fine Cut Clasp and Hoop.

1½.	1in. 6d.	1¼in.	1in.	12s per cwt.
1½	11	9	9½	3 inch.

Cross Garnet Hinges, per dozen pairs.

2in.	2½ in.	3in.	3½ in.	4in.	5in.
10	12	14	16	1s	2s 6d.

Best Bright Tower Bolts, per doz.

1s. 3d.	1s 7d.	2s. 3d.	3s. 6d.	5s. 10d.	8s. 3d.	9s. 3d.
3	4	5	7	9	11	13 in.

Best Rain-water Pipe.

3½d.	10½d.	1s. 1d.	1s. 3d.	1s. 6d. per yard.
3	3	3	4 inch.	

Best London Glue, 35s. per cwt.

Cast Lath Nails, 1s. per cwt.

Air Bricks, 3s. 6d. per doz.

Hooping for hand, 8l. 10s. per ton.

Sash Weights, 3s. per cwt.

TERMS—NET CASH.

A price-list may be had on application.

A. L. PFEIL and Co.,

Wholesale Ironmongers, Brass Foundry and Nail Warehouse,

3 and 4, Broad-street, Bloomsbury, London.

AGENTS FOR LEA'S PATENT MORTISE LOCKS AND BOLTS.

TO BUILDERS AND CARPENTERS, &c.

J. H. BOOBBYER and CO., late Starch and Boobbyer Ironmongery, Brass Foundry, Nail, and Tool Warehouse, No. 14, Bankside-street, Clare-market, London. For the supply of Carpenters, Builders, Cabinet-makers, Upholsters, &c., at wholesale prices.

Best Cut Sheet Flooring Brads, 11s. per cwt.

Fine Cut Clasp and Hoop.

13s.	14s 6d.	14s.	13s.	12s. per cwt.
1½	1¾	2	2½	3 inch.

Best Bright Tower Bolts.

1s. 3d.	1s 7d.	2s. 3d.	3s. 6d. per dozen.
3	4	5	6 inch.

Best Patent Sash Line.

3s.	4s. 6d.	5s. 6d.	7s.	9s.	10s. 6d. per gross.
No. 1	2	3	4	5	6

Cast Lath Nails, 10s. per cwt. Sash Weights, 3s. per cwt.

Air Bricks, 3s. 6d. per dozen.

DR. ARNOTT'S VENTILATORS

11 by 8 inches ..... 4s. each.

16 by 9 " ..... 6s. "

An assortment in Brass, Bronzed, Gilt, &c.

An extensive stock of Mortise Locks, Drawback Locks, Iron Rim Locks, and Latches, of every description, at very reduced prices; also Door Furniture, in china, amber, crystal, ivory, glass, buffalo horn, brass, &c., with Finger-plates, Bell-pulls and Levers en suite. B. B. and Co. are the inventors of SHIFTING BOLT MORTISE LOCKS, &c., so universally approved of.—Estabished twenty-one years, for the supply of goods from the best manufactories at the lowest prices.

TO BUILDERS, CARPENTERS, &c.—The undermentioned are the PRESENT PRICES of IRONMONGERY, at YOUNGS, 18a, Oxford-street. Every other article equally low. Orders executed upon receipt of remittance or a respectable London reference.

Cast Brads.....	6s. 3d.	7s. 6d.	11s. per 8 dozens.		
Cut Clasp.....	5d.	7d.	1s. 6d.	1s. 9d.	per 1,000.
	6d.	8d.	10d.	12d.	
Hoop.	2	3	4	5	6 Inches.
Patent Line	6s.	1s 6d.	3s.	4s.	5s. 6d. per gross.
	2	3	4	5	6 Inches.
Rain Pipe	9½d.	10½d.	1s.	1s. 1d.	per yard.

CLARK and HUNT'S IRONMONGERY, STOVE and METAL WAREHOUSE, 13a, Shoreditch, near the Eastern Counties Railway.

Strong Elliptic Stoves, with extra back, 9½d. per inch.

Register Stoves, 8d. per inch.

3-feet Self-acting Cottage Ranges, with Oven and Back-Boiler, 20s each.

3-feet best Self-acting ditto, with wrought bars and bright fittings, 30s. each.

Cast Rain-water Pipe.

3d. 3½d.	3½d. per inch.	6d.	10d.	1s. per yard.
Cast Gutters—6d. per inch.			8d. per yard.	
O.G. Gutters—4d.	4½d. per in ch.		11d.	1s. per yard.

Best Cut Clasp and Hoop.

1½d.	1½d.	2d.	2½d.	3d. per inch.
12s.	14s. 6d.	14s.	13s.	12s. 6d. per cwt.

Sheet Floor Brads, 11s 9d. per cwt.

1 inch Cut Lath, 11s. per cwt.

Cast Lath, 9s. 6d.

Silent 3-Bolt Ram Locks, with Scotch Springs and best Furniture

Patent Spindles, 18s. per doz.

4-inch 2-Bolt Ad. Ward Mortice, with best Furniture and Patent Spindles, 8s. 6d.

Light Elliptic and Register Stoves, 4½d. per cwt.

Hot Water Pipes, 6s. 6d. per cwt.

A large assortment of fittings, Sink traps, and Cast Goods at reduced prices.

TO ARCHITECTS AND BUILDERS.

CHUBB'S WROUGHT-IRON and FIRE-PROOF DOORS and FRAMES, for strong Rooms. A large stock of the above, of all sizes, ready in the best manner, and of different strengths. Fitted with CHUBB'S PATENT DETECTOR LOCKS, throwing from two to twenty bolts, can easily be set, at very moderate prices. FIRE-PROOF SAFES of every size, and Patent Interior Locks and Latches for all purposes.—C. CHUBB and SON, Manufacturers, 57, St. Paul's Churchyard, London.

COTTAM and HALLEN, 2, Winsley-street, Oxford-street, beg leave to draw attention to their new and improved patterns in STABLE FURNITURE. The manger, rack, and water-trough are placed in a line together, and may be had either plain, galvanized, or enamelled. Castings and wrought-iron work of every description, at the lowest scale of prices. Undertaking to fit up in any part of the kingdom. Estimates given gratis.

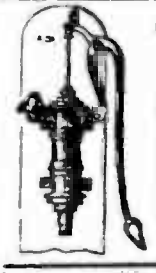
COTTAM and HALLEN, 2, Winsley-street, Oxford-st., London.

TO ARCHITECTS, BUILDERS, AND BRICK-MAKERS.

PUMPS of Superior CONSTRUCTION, bored perfectly true by improved machinery, in various plain and ornamental patterns for Conservatories, Squares, Market Places, Roads, Gardens, and for Liquid Manure. BRICK-MAKERS' PUMPS, in Wrought and Cast Iron. HYDRAULIC LIFT PUMPS, and ENGINES for Wells of any depth. SINGLE and DOUBLE PUMPS up to twelve-inch bore, kept for Hire.

BENJ. POWLER (late of 61, Dorset-street), removed to the new Factory, Whitefriars-street, Fleet-street.

TO BUILDERS AND PLUMBERS.



THE attention of the Trade is called to JOHN WARNER & SONS' PATENT VIBRATING STANDARD PUMP, which is recommended for the simplicity of its construction, and the ease with which it works.

By the introduction of the vibrating standard the cumbrous cast-iron and expensive chain and pulleys are superseded, rendering the price considerably less than pumps made on the old plan.

Beer and Water Engines for raising fluids from a depth not exceeding 28 feet: also, Garden Engines constructed on the same principle.

JOHN WARNER & SONS, 4, Crescent, Jewin-street, London, Manufacturers and Patentees.

IMPORTANT TO ARCHITECTS, BUILDERS, &c.—J. BUBB begs to inform the trade in general, that he still continues to keep every variety of Messrs. Minton's Tiles, plain and ornamented, to any design, at very reduced prices for ready cash. J. B having adopted a new method, can lay them in a first-rate manner at full 2s per yard under what they are obliged to pay by the old method. All orders sent to J. BUBB, 39, Clarendon-street, Clarendon-square, will be punctually attended to.—N.B. Jobs executed in all parts of the United Kingdom on the shortest notice.

MINTON and CO.'S ENCAUSTIC and other PATENT TILES for Churches, Entrance Halls, Conservatories, Saloons, &c., Antique, Geometrical, and Alhambra: Messrs. Minton's manufactures of a highly ornamental character and extreme durability, Slabs and Tiles for Fireplaces and Hearths, Copings for Cisterns, Floor Furniture, White Glazed and Ornamental Tiles for Baths, Dairies, and Kitchens. Patterns may be had in great variety at their Warehouse, 5, Aldersgate-street, Barbican-entrance, London, and at their Manufactory, Stoke-upon-Trent, Staffordshire.

WHITE SUFFOLK and RED FACING BRICKS, of superior quality. Moulded bricks to any pattern.—Apply to Mr. BENJAMIN OUGH, 2, Newington-crescent, Newington-butts.

N.B. COWLEY and KENT BRICKS from the New Cliffe, now open, and Kentish Rag-stone direct from the Quarries, at a reduced price.

WARD & COMPANY, Honduras Wharf, Bankside, and Jamaica and Malaga Coffee-house, Cornhill, London.—FIRE BRICKS of Stourbridge, Newcastle, Welsh, Windsor, Neweich, &c. &c. Also Lumps, Tiles, Shield Quarries, Retort Shapes, &c. &c. of the best manufactured. Refractory Fire Clay, Sand, &c. Patterns, Loams for Ironmongers, Ironmasters, &c. &c. very REDUCED PRICES, and on the SHORTEST NOTICE. Shipments to all parts of the world. Fire Tiles 10s. per thousand; plain, 20s.; Paving or Crown Fire Bricks, 30s.; and all other necessary goods of superior description at very LOW PRICES. French and English Clinkers, Patent Malting and Corn-drying Tiles, Suffolk White, White and Best Stock Malm, Paviors', Seconds, Picking, and Place Bricks; Thames Sand and Ballast by barge or otherwise on the best terms; Sanitary Pipes of all kinds.

BRICKS.—In consequence of the low price at which Brick-makers have, for some time past, been purchasing Ashes and Breeze, H. IRONS is enabled to offer his bricks, which are of good quality, at the following low prices, and he has taken up a quarter of an hour's walk from the City, H. I. earnestly requests purchasers will favour him with a visit, in order to inspect his stock and to judge for themselves.

Marie Colours	22s.	per thousand.
Yellow Seconds	20s. 6d.	"
Pale Seconds	20s.	"
Paviors	23s.	"
Picking	22s.	"

Marie Place, Half-washed Stocks and Place Bricks, at equally low prices. These bricks are sound, well burnt, and uncommonly free from efflorescence, a very large proportion of the Stocks being available for external facing. They will be delivered at the above prices anywhere within two miles of the fields.

Apply to HENRY DODD and Co., at the Counting-house, Horsemonger Brickfields, Grange-walk, near the Rosemary Branch, Hoxton.

N.B. Best Pit Sand, of approved quality occasionally on sale upon reasonable terms. In the creation of walls, where it is desirable that the work should be kept as free from damp as possible, this sand, from its not containing any saline matter, is acknowledged to be preferable to River sand.

IMPORTANT TO OIL AND RAILWAY GREASE MERCHANTS AND FACTORS.

FOR SALE, at the Works at Weymouth, or may be delivered to any part of the kingdom, the superior product by distillation of BITUMEN SCHALL, or MINERAL PITCH—"LIQUID BITUMEN," containing in a Volatile Oil or Mineral Spirit; and an Oil of a greater density; 3rd, a Fatty Mineral Oil; 4th, Paraffine; 5th, Creasote, slightly alkaline; 6th, Tar. The Volatile Oil, or Mineral Spirit, is admirably adapted as a solvent, and may be used for all purposes to which the most highly rectified spirit of turpentine is employed, or may be used for hand from its not containing any saline matter, is acknowledged to be preferable to River sand.

IMPORTANT TO OIL AND RAILWAY GREASE MERCHANTS AND FACTORS.

FOR SALE, at the Works at Weymouth, or may be delivered to any part of the kingdom, the superior product by distillation of BITUMEN SCHALL, or MINERAL PITCH—"LIQUID BITUMEN," containing in a Volatile Oil or Mineral Spirit; and an Oil of a greater density; 3rd, a Fatty Mineral Oil; 4th, Paraffine; 5th, Creasote, slightly alkaline; 6th, Tar. The Volatile Oil, or Mineral Spirit, is admirably adapted as a solvent, and may be used for all purposes to which the most highly rectified spirit of turpentine is employed, or may be used for hand from its not containing any saline matter, is acknowledged to be preferable to River sand.

The second oil, not so very volatile, will dissolve in any proportion with coal or fish oils, of which it considerably augments their illuminating power, and prevents their becoming rancid. The third is admirably adapted for lubricating machinery, and contains—the 4th, Paraffine, which is easily obtained, by crystallization, and requiring but little treatment to make excellent candles. The 5th, Creasote, superior to animal oil or tar for the use of carriages. The 6th, Tar, perfectly black, very mercative, and which may be used generally for all purposes of tarring, and where coloured tar is objected to, a light coloured substitute may be obtained either of Mr. W. C. HOMERSHAM, Bonnet Works, Weymouth; or of Mr. C. J. CHAFFINS, 31, Southampton-buildings, Chancery-lane, London.

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